

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04M1/725 H04N7/15 H04N7/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04M H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, IBM-TDB, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	US 2001/048463 A1 (LUNDEN VESA) 6 December 2001 (2001-12-06) abstract paragraph '0007! - paragraph '0019! paragraph '0027! paragraph '0034! paragraph '0038! - paragraph '0039! ----- -/--	1-7, 22, 24, 25 8-21, 23, 26-29

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *S* document member of the same patent family

Date of the actual completion of the international search

30 September 2004

Date of mailing of the international search report

12/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Willems, B

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>WO 01/31900 A (PINGTEL CORP) 3 May 2001 (2001-05-03) abstract page 15, line 24 - page 16, line 9 page 17, line 29 - page 18, line 13 page 18, line 18 - page 19, line 24 page 21, line 13 - page 22, line 3 page 25, line 23 - line 29 page 27, line 1 - line 9 page 41 - last paragraph page 68, line 5 - line 18 -----</p>	<p>8-21, 23, 26-29</p>

PC17/EP2004/006226

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2001048463	A1	06-12-2001	FI 20001575 A	31-12-2001
			EP 1185105 A2	06-03-2002
			JP 2002077838 A	15-03-2002
<hr/>				
WO 0131900	A	03-05-2001	AU 1575301 A	08-05-2001
			CA 2389089 A1	03-05-2001
			CN 1399839 T	26-02-2003
			EP 1287667 A2	05-03-2003
			JP 2003527786 T	16-09-2003
			WO 0131900 A2	03-05-2001
			AU 5293701 A	03-10-2001
			CA 2402695 A1	27-09-2001
			CN 1437812 T	20-08-2003
			EP 1305909 A2	02-05-2003
			JP 2003528409 T	24-09-2003
			WO 0171979 A2	27-09-2001
			US 2002059404 A1	16-05-2002

BEST AVAILABLE COPY